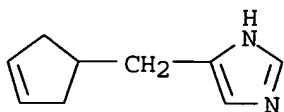


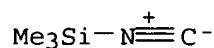
L2 ANSWER 3 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
RN 628731-45-3 REGISTRY
ED Entered STN: 21 Dec 2003
CN 1H-Imidazole, 4-(3-cyclopenten-1-ylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C9 H12 N2
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

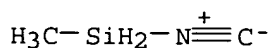
L7 ANSWER 42 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 18169-72-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN **Silane, isocyanotrimethyl-** (6CI, 7CI, 9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN **Silyl isocyanide, trimethyl-** (8CI)
 OTHER NAMES:
 CN **Isocyanotrimethylsilane**
 CN **Trimethylsilyl isocyanide**
 FS 3D CONCORD
 MF C4 H9 N Si
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, GMELIN*, TOXCENTER,
 USPATFULL
 (*File contains numerically searchable property data)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

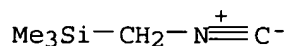
32 REFERENCES IN FILE CA (1907 TO DATE)
 32 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 43 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 18090-17-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN **Silyl isocyanide, methyl-** (8CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C2 H5 N Si
 LC STN Files: CA, CAOLD, CAPLUS



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 30718-17-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Silane, (isocyanomethyl)trimethyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methyl isocyanide, (trimethylsilyl)- (8CI)
 OTHER NAMES:
 CN **Trimethylsilylmethyl isocyanide**
 FS 3D CONCORD
 MF C5 H11 N Si
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, CSCHEM, MSDS-OHS,
 TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)



26 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 27 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

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FULL ESTIMATED COST	12.30	12.51

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 FILE LAST UPDATED: 26 Jun 2006 (20060626/ED)

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<http://www.cas.org/infopolicy.html>

=> s l1 and imidazol?

27 L1

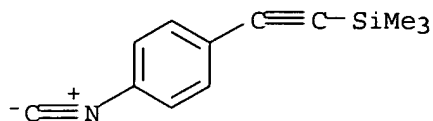
94625 IMIDAZOL?

L2 3 L1 AND IMIDAZOL?

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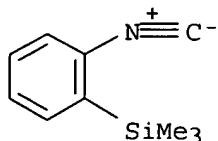
L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

L7 ANSWER 8 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
RN 371754-36-8 REGISTRY
ED Entered STN: 25 Nov 2001
CN **Silane, [(4-isocyanophenyl)ethynyl]trimethyl-** (9CI) (CA INDEX
NAME)
OTHER NAMES:
CN **4-Trimethylsilylethynylphenyl isocyanide**
FS 3D CONCORD
MF C12 H13 N Si
SR CA
LC STN Files: CA, CAPLUS, CASREACT



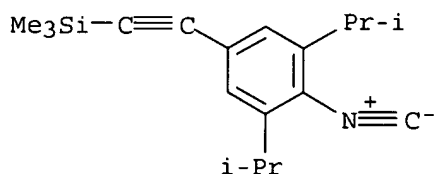
3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 20 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220957-45-9 REGISTRY
 ED Entered STN: 04 Apr 1999
 CN **Silane, (2-isocyanophenyl)trimethyl-** (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **2-Trimethylsilylphenyl isocyanide**
 FS 3D CONCORD
 MF C10 H13 N Si
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

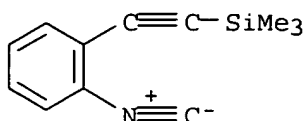


2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 21 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220721-04-0 REGISTRY
 ED Entered STN: 25 Mar 1999
 CN **Silane, [[4-isocyano-3,5-bis(1-methylethyl)phenyl]ethynyl]trimethyl-**
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **2,6-Diisopropyl-4-((trimethylsilyl)ethynyl)phenyl isocyanide**
 FS 3D CONCORD
 MF C18 H25 N Si
 SR CA
 LC STN Files: CA, CAPLUS

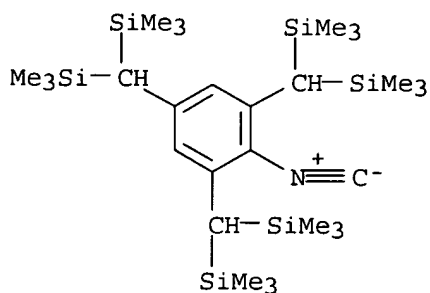


L7 ANSWER 22 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 213334-93-1 REGISTRY
 ED Entered STN: 28 Oct 1998
 CN **Silane, [(2-isocyanophenyl)ethynyl]trimethyl-** (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **2-[(Trimethylsilyl)ethynyl]phenyl isocyanide**
 FS 3D CONCORD
 MF C12 H13 N Si
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



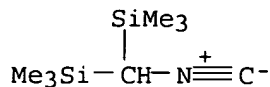
11 REFERENCES IN FILE CA (1907 TO DATE)
 12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 23 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 185910-19-4 REGISTRY
 ED Entered STN: 06 Feb 1997
 CN **Silane, [(2-isocyano-1,3,5-benzenetriyl)trimethylidyne]hexakis[trimethyl-** (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **2,4,6-Tris[bis(trimethylsilyl)methyl]phenyl isocyanide**
 MF C28 H59 N Si6
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT



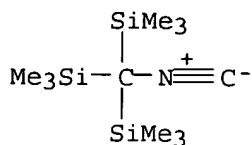
3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 38 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 30748-16-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN **Silane, (isocyanomethylene)bis(trimethyl-** (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN **Methyl isocyanide, bis(trimethylsilyl)-** (8CI)
 FS 3D CONCORD
 MF C8 H19 N Si2
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



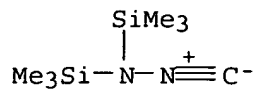
2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 39 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 30718-18-4 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN **Silane, (isocyanomethyldyne)tris(trimethyl-** (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN **Methyl isocyanide, tris(trimethylsilyl)-** (8CI)
 OTHER NAMES:
 CN **Tris(trimethylsilyl)methyl isocyanide**
 FS 3D CONCORD
 MF C11 H27 N Si3
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 36 OF 43 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 61640-59-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN **Isocyanamide, bis(trimethylsilyl)- (9CI)** (CA INDEX NAME)
 OTHER NAMES:
 CN **Bis(trimethylsilyl)aminoisocyanide**
 FS 3D CONCORD
 MF C7 H18 N2 Si2
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX
 (*File contains numerically searchable property data)

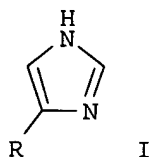


6 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

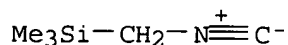
ACCESSION NUMBER: 2005:409268 CAPLUS
 DOCUMENT NUMBER: 142:463722
 TITLE: Process for the preparation of **imidazoles**
 from nitriles and silylmethyl isocyanides.
 INVENTOR(S): Dolby, Lloyd J.; Esfandiari, Shervin; Garst, Michael
 E.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 9 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005101785	A1	20050512	US 2003-706474	20031111
WO 2005047267	A1	20050526	WO 2004-US37154	20041105
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-706474 A 20031111
 OTHER SOURCE(S): CASREACT 142:463722; MARPAT 142:463722
 GI



AB Title compds. [I; R = (substituted) (heteroatom-containing) aryl, alkyl,
 alkenyl, alkynyl], were prepared by reaction of RCN with a silylmethyl
 isocyanide. Thus, a solution of KOCMe₃ in dimethoxyethane was treated with
 trimethylsilylmethyl isocyanide (preparation given) and then with
 (3-cyclohexenyl)acetonitrile in dimethoxyethane over 25 min.; after 45
 min. KF was added followed by 8 h reflux to give 52% 4(5)-(cyclohexene-3-
 ylmethyl)**imidazole**.
 IT **30718-17-3P**
 RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic
 preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of **imidazoles** from nitriles and silylmethyl
 isocyanides)
 RN 30718-17-3 CAPLUS
 CN Silane, (isocyanomethyl)trimethyl- (9CI) (CA INDEX NAME)



L2 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:166498 CAPLUS

DOCUMENT NUMBER: 130:223295

TITLE: Preparation of imidazoquinoxaline protein tyrosine kinase inhibitors

INVENTOR(S): Barrish, Joel C.; Chen, Ping; Das, Jagabandhu; Iwanowicz, Edwin J.; Norris, Derek J.; Padmanabha, Ramesh; Roberge, Jacques Y.; Schieven, Gary L.

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 315 pp.

CODEN: PIXXD2

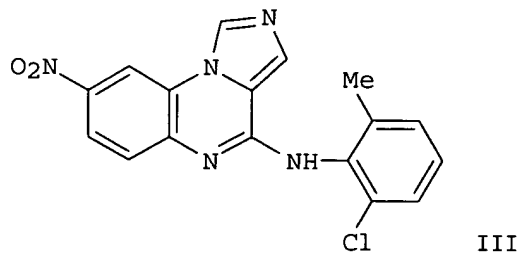
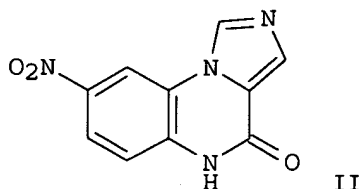
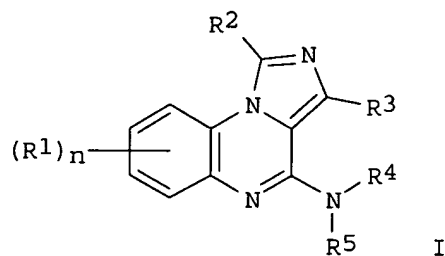
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9909845	A1	19990304	WO 1998-US16027	19980803
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6235740	B1	20010522	US 1998-97338	19980615
AU 9886817	A1	19990316	AU 1998-86817	19980803
ZA 9807649	A	20000224	ZA 1998-7649	19980824
PRIORITY APPLN. INFO.:			US 1997-56770P	P 19970825
			US 1997-69159P	P 19971209
			WO 1998-US16027	W 19980803
OTHER SOURCE(S):	MARPAT 130:223295			
GI				

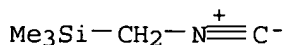


AB Novel imidazoquinoxalines I and salts thereof are disclosed [wherein: n = 0-4; R1, R2, R3 = H, R6, OH, OR6, SH, SR6, CO2H, SO3H, halo, cyano, NO2, etc.; R1-R3 may form ring(s); R4, R5 = H, R6, COR6; or NR4R5 forms (un)substituted 3- to 8-membered heterocyclic ring; R6 = (un)substituted alk(en/yn)yl, cycloalk(en)yl(alkyl), aryl, aralkyl, heterocyclo(alkyl)]. Also disclosed are pharmaceutical compns. containing the compds., and methods of their use in the treatment of various protein tyrosine kinase-associated disorders, such as immunol. disorders (no data). Over 500 synthetic examples are given. For instance, the nitroimidazoloquinoxalinone II (prepared in 4 steps) was treated with POCl3 to give 78% of the corresponding chloro compound, which reacted with NaN(SiMe3)2 and 2-chloro-6-methylaniline in THF to give 86% title compound III.

IT 30718-17-3, Trimethylsilylmethyl isocyanide
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (starting material; preparation of imidazoquinoxalines as protein tyrosine kinase inhibitors)

RN 30718-17-3 CAPLUS

CN Silane, (isocyanomethyl)trimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1982:563069 CAPLUS

DOCUMENT NUMBER: 97:163069

TITLE: New building blocks for heterocyclic syntheses.
 Silylated methyl isothiocyanates

AUTHOR(S): Hirao, Toshikazu; Yamada, Atsushi; Hayashi, Kenichiro;
 Ohshiro, Yoshiki; Agawa, Toshio

CORPORATE SOURCE: Fac. Eng., Osaka Univ., Suita, 565, Japan

SOURCE: Bulletin of the Chemical Society of Japan (1982),
 55(4), 1163-7
 CODEN: BCSJA8; ISSN: 0009-2673

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 97:163069

AB Me3SiCH2NCS (I), (Me3Si)2CHNCS (II) and (Me3Si)3CNCS (III) were prepared F--catalyzed reaction of I with aldehydes or ketones afforded oxazolidine-2-thione derivs. via the intermediate isothiocyanato carbanion. Imidazolidine-2-thiones were similarly prepared from imines. II reaction with PhCHO in the presence of a catalytic amount of Bu4N+ F- gave PhCH:CHNCS and 5-phenyl-4-(trimethylsilyl)oxazolidine-2-thione. Similar treatment of III gave 4-benzyl-5-phenyl-4-oxazoline-2-thione and Me3SiCPh:CHNCS.

IT 30718-17-3
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (addition reaction with sulfur)

RN 30718-17-3 CAPLUS

CN Silane, (isocyanomethyl)trimethyl- (9CI) (CA INDEX NAME)

